مراجعات النخبة

بنك الأسئلة ICT

Trust Academy Online
Exclusive Manager
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ICT

Prepared by:
Mrs. Dosa Mostafa

November Review
2025-2026

2 Prep

Trust Academy Online

مراجعات النخبة
من
تراست أكاديمى اونلاين
2026

أكاديمية تراست
اونلاين
ابتدائي-إعدادي-ثانوي

لغات -تجريبي- عربي-أزهري

ناشيونال-انترناشيونال

(مناهج امريكي-كامبردج-مناهج خليجية)

- متاح حجز مجموعات الشرح الشهرية مع فريق اساتذة اعداد مراجعات النخبة
- أنظمة مجموعات شهرية تناسب الجميع
- مجموعات تأسيس لجميع المواد والاعمار
- قسم خاص للغات الاجنبية

CONNECT US
01022766007

SCAN ME

يمكنكم الحصول على مراجعات النخبة لجميع الصفوف
وفيديوهات الشرح المميزة من خلال مسح رمز الـ QR Code

يرجى مراعاة حقوق صاحب المحتوى

Lesson (1)

Principles of Designing Attractive, Professional Website Interfaces

User Experience (UX) Design Concept:

- It's about considering how people use an application or website, easily finding what they need, and feeling happy while using it.
- It's the design that makes using the website easy and comfortable.

Importance of User Experience (UX) Design:

- If the application or website is easy to use, the user will feel satisfied and will return to use it again.
- If it's difficult, the user may abandon the website permanently.

Basic Principles to Consider in UX Design:

1. Ease of Navigation:

- This means that the user can reach what they are looking for quickly and effortlessly.

2. Clarity:

- Interface clarity means presenting information in an easy-to-understand way.

3. Consistency:

- Interface consistency means maintaining the same style throughout the application or website.

User Interface (UI) Design Concept

- The UI is the visual representation of a website, application, or game that users see and interact with in an attractive, organized, and easy-to-understand way.
- If UI elements are unclear, this indicates a problem in the UI design.

Importance of the User Interface (UI):

- Visual Appeal: A beautiful interface makes a good impression.
- However, a disorganized design will not appeal to users.

Basic Principles of User Interface Design

1. Colors:

- Choosing the right colors affects the user's mood.

2. Fonts:

- The UI fonts should be legible and appropriate for the context.

3. Layout

- Organizing the interface elements logically makes the application or website easy to use.

Examples of good websites:

➔ Google:

- simple and easy to use; you can quickly find what you need.

➔ YouTube:

- features an attractive and easy-to-navigate design.

Lesson (2)

Web Page Format

HTML

- is a coding language used to create static web pages that are displayed using web browsers.
- HTML was designed to describe the content of a web page.
- To format a web page, tags such as <font> and color attributes were added to HTML.
- This made developing large websites cumbersome and tedious, as font and color formatting had to be added to each page.
- Making the formatting of every single web page a lengthy and expensive process.

✓ To solve this problem, the World Wide Web Consortium (W3C) created CSS.

✓ There is no longer a need to perform formatting by adding tags within an HTML page.

Cascading Style Sheets (CSS)

- We use CSS to format the appearance of web pages, such as font color, font size, and page background.

- It saves a lot of effort: It can control the formatting of multiple web pages simultaneously.

Benefits of CSS

1. **Time-saving:** You can place the required formatting code in a separate CSS file and include the same code in any number of HTML pages where you want to use it.

2. **Loading Speed:** When you place the styling code in a CSS file and include it in your website's pages, the browser only loads and stores the file once. Then, when you visit any page linked to that file, the browser uses the previously stored version instead of loading the file each time.

3. **Ease of Modification:** Once you modify the styling code in the CSS file, all web pages linked to it will automatically have their styling updated.

4. **Improved Aesthetic Appearance:** The page becomes more visually appealing and organized.

5. **Improved Readability:** Choosing appropriate fonts and colors makes the content easier to read.

6. **Separating Design and Formatting from Web Page Content**: You can change the look and layout of a web page and all other web pages by modifying a separate CSS file without needing to change the HTML structure of each page.

> When you want to change the colors or fonts again, you simply edit the CSS file.

7. **Building Responsive and Adaptive Pages:** Using CSS, you can make your screen design responsive across different screen sizes (computer, mobile, tablet, etc.) so that the pages appear appropriately for the screen size.

Basic CSS Structure:

The general syntax of CSS code is as follows:

- **The Selector: This represents the HTML element or group of elements to which the styling, such as "body," will be applied.**
- **Property: Specifies what you want to change (e.g., color, size, spacing).**
- **Value: Specifies how you want to change the property.**

How to Add CSS to HTML Code to Style Pages:

1. **Inline CSS: Used to apply styling directly to page elements.**
2. **Internal CSS: Used to style individual pages.**
3. **External CSS: Preferred for large websites to unify the design and layout of their pages.**

External CSS:

- **CSS code is written in a separate file with the ".css" extension.**
- **The CSS file is linked to the HTML page using the <link> tag within the <head> area.**
- **An external CSS file allows you to change the appearance of all web pages on the website by modifying only one file!**
- **The external CSS file should not contain any HTML tags.**

The <link> tag is written inside the HTML file as follows:

```
<link href="fileName.css" rel="stylesheet">
```

- **The href property: This is the name and path of the CSS file.**
- **The rel property: Used within the 'link>>` tag in HTML files to specify the relationship between the HTML file and another external file-often a CSS file.**

- **rel="stylesheet":** Tells the browser that the file referenced in the 'href' attribute is a CSS file that should be loaded and applied to the page.
- **Example:** Creating an HTML file that includes a CSS file named 'mystyle' stored in the same folder.

First: HTML file code

```
<html>
<head>
<link rel="stylesheet" href="mystyle.css">
</ head >
<body>
<h1> Page title </h1>
<p> Here the content appears </p>
</body>
</html>
```

Second: CSS Code

```
body {background-color: lightblue;}
h1 {color: brown; font-size: 24px;}
```

Lesson (3)

My Digital Project for My School

1 - Project Objective:

Design two web pages:

- **School Data Page** (contains school information and activities).
- **Student Data Page** (contains personal and contact information).
- **Format both pages** using External CSS for consistency.

2- Key Learning Points:

- Use of external CSS to unify the design across multiple pages.
- Clear HTML structure (header, sections, footer) improves readability.
- CSS enhances layout, colors, spacing, and visual appeal.
- Both pages share the same style.css file, ensuring consistency and reducing coding effort.

Lesson (4)

Creating Your Website with the Help of Artificial Intelligence

1- Importance of Having a Website:

1. Connect with the world and share ideas.
2. Platform for self-expression (hobbies, talents, achievements).
3. Showcase school projects professionally.
4. Learn valuable digital skills for the future.

2- Role of Artificial Intelligence in Website Creation:

- Understands simple commands and builds professional designs.
- Saves time and effort (no coding required).
- Suggests creative ideas and adapts designs based on feedback.
- Transforms text commands (prompts) into a real website.

3- AI Tools for Website Creation:

- Wegic.ai: Easy to use, free plan, student-friendly.
- Jimdo Dolphin: Mobile-friendly, modern design, no technical skills needed.

4- Steps to Create a Website using Wegic.ai:

1. Log in and create an account.
2. Define website type, name, and content (school club, blog, hobbies, etc).
3. Choose design style and colors (2-3 max, harmonized).
4. Add essential pages (Home, About Us, Activities, Contact Us).
5. Insert content (text, images, galleries, contact forms).
6. Customize design, colors, fonts, and photos.

5- Tips for a Successful Website:

- **Keep** it simple, clear, and mobile-friendly.
- **Use safe contact methods** (email with permission, forms, QR codes).
- **Avoid** sharing personal information online.
- **Update** content regularly to keep the site fresh.

6- Activities & Projects:

- **Plan your website** (topic, pages, colors, content, audience).
- **Create** and adjust using AI tools.
- **Present** to classmates, gather feedback, and improve.
- **Future projects**: school magazine, digital art gallery, class project platform, science blog.

Choose :

1. What is the primary focus of User Experience (UX) design?
   a. The visual appeal of the design.
   b. The website's loading speed.
   c. The colors and fonts used in the design.
   d. The usability and effectiveness of the product.
2. The selector in the CSS code represents the……. you want to format.
   a. HTML attribute
   b. HTML element
   c. CSS value
   d. CSS style
3. Which of the following is a fundamental principle of User Experience (UX) design?
   a. Using decorative fonts to attract attention.
   b. Providing clear and easy navigation for the user.
   c. Using as many colors as possible.
   d. Placing as much information on a single page as possible.
4. Which of the following is a fundamental principle of User Interface (UI) design?
   a. Making all buttons the same size and shape.
   b. Choosing colors that are consistent and pleasing to the eye.
   c. Providing multiple ways to accomplish the same task.
   d. Ensure that all text is unreadable.
5. After AI creates the basic structure of the website, what can you do?
   a. Nothing, it can't be modified.
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   c. I can recreate the website from scratch.
   d. I can delete the entire website.

6. What does the principle of "consistency" mean in UX/UI design?
   a. Using different elements on each page to make it stand out.
   b. Maintaining a consistent style for elements throughout the product.
   c. Changing the website design frequently to keep users interested.
   d. Using random fonts and colors.
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8. Why is usability important in UX design?
   a. To make the design look more professional.
   b. To increase user satisfaction and interaction with the product.
   c. To reduce the cost of product development.
   d. To make the product run faster.
9. An external CSS file is linked to an HTML page using the……. tag.
   a. <link> b. <head> c. <style> d. <body>
10. Why is visual appeal important in UI design?
   a. To make the product easy to use.
   b. To leave a good first impression with the user.
   c. To better organize information.
   d. To make the product compatible with all devices.
11. An internal CSS is used to format ……HTML pages.
   a. all b. individual c. new d. none of them
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   a. A main menu with clear buttons.
   b. A search bar in a prominent location.
   c. list of overlapping, unorganized items.
   d. Clear links at the end of the page.
13. In the CSS code h1 { color: blue; }, the word blue represents the…….
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14. Which of the following examples illustrates the use of inconsistent colors in UI design?
    a. Using simple color gradients.
    b Using many bright, different colors randomly.
    c. Using complementary colors from the color wheel.
    d. Using white as the primary color with a muted secondary color.
15. Modifying a CSS code in one file automatically adjusts formatting for ……..linked page(s).
    a. all b. one c. no d. some
16. An external CSS is suitable for…… websites to unify the design and layout of their pages.
    a. large b. small c. medium d. all of them
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    a. Ease of navigation within the application.
    b. User satisfaction with the product.
    c. The visual appeal of the product.
    d. The logical organization of information.
18. The <body> tag contains the ……..that appears to the user.
    a. metadata b. script c. content d. links
19. The href attribute in the <link> tag specifies the …….of the CSS file.
    a. type b. relationship c. path d. language
20. What is the primary purpose of creating a website?
    a. Playing games only
    b. Communicating and displaying information to the world
    c. Storing personal files
    d. Sending text messages only
21. Creating a website requires learning programming languages, such as……..
    a. HTML b. CSS c. JavaScripi d. all of them

22. External CSS files are linked to HTML pages using the…… tag.

a. <body> b. c. <style> d. <link>

23. What has made creating websites much easier now?

a. The increase in the number of programmers

b. The use of artificial intelligence technologies

c. The decrease in the price of computers

d. The disappearance of programming languages

24. An example of an AI tool that helps in building website is ……

a. Paint b. Word c. Wegic.ai d. Calculator

25. When using AI tools to build a website, do you need to be a programming expert?

a. Yes, you must be a professional.

b. Yes, you need some experience.

c. No, you don't need advanced programming experience.

d. Only if you want a complex website.

26. The <title> tag defines the title that appears in the…… bar.

a. address b. report c. browser d. navigation

27. What are the scripts we write to an AI tool to create a website called?

a. Code b. Descriptive Images

c. Prompt d. URL

28. If you want to make your website about a sports club, which prompt is the most appropriate for the first step?

a. Choose a blue design b. Add a contact page

c. Create a website for a sports club d. Add pictures of books

29. What does an "Image Page" add to your website?

a. Introductory text b. Contact information

c. Attractive visual elements d. Audio clips

30. The <header> tag defines the…… of the page or container.

a. bottom b. top c. middle d. side

31. To add information about yourself or the topic of your website, which page do you most often create?

a. Contact Page
b. Photo Page
c. "About Us" page
d. Home Page

32. Why is it important to determine the colors and overall design of the website at the beginning of work?

a. So that the icons appear better
b. To customize the basic appearance of the website
c. To increase the website speed
d. To attract more programmers

33. Which of the following is NOT considered contact information that might be added to a website?

a. Email
b. Social media link
c. Phone number
d. Designer's name

34. After AI creates the basic structure of the website, what can you do?

a. Nothing, it can't be modified.
b. I can make minor changes to the design and text.
c. I can recreate the website from scratch.
d. I can delete the entire website.

35. The design that makes an application beautiful and attractive is…….

a. UX b. UI c. AI d. none of them

36. Why is it important for prompts to be simple and clear?

a. To reduce the size of the website
b. To help AI better understand your request
c. To increase the number of visitors
d. To save time when publishing

37. .....is an example of Types of Big Data

A - Geometric Data
B - Formal Data
C - Structural Data
D - Pivotal Data

38. The main goal of using AI in website building in our lesson is to .....

a. transform you into a professional web developer

b. introduce you to the capabilities of AI in website building

c. save money on programmers

d. create gaming websites only

39. A successful website should have a ……design.

a. complex b. cluttered c. simple d. random

40. In the CSS code h1 { color: brown; }, the part hl represents the……

a. selector b. property c. value d. none of them

41. Which of the 5 Vs of Big Data indicate the reliability and quality of the data, as it may contain errors or inaccurate information? Data sometimes contains errors.

A – Volume B- Velocity C – Value D- Veracity

42. What is the first stage of big data processing ?

A- Data storage. B- Data cleaning .

C- Big data collection . D- Data analysis .

43. Which of the following uses of big data relies on understanding customer behavior and improving recommendations using advanced analytics ?

A- Artificial intelligence. B- Machine and deep learning .

C- Network monitoring and cybersecurity. D- E-commerce.

44. Which of the following is an example of an advanced artificial intelligence application that relies on huge collections of images and videos to train its models ?

A- Natural Language Processing (NLP) B- Computer Vision

C- Big Data Collection D- Task Automation

45. Big data helps machine learning algorithms automate tasks in areas such as:

A- Customer Service B- Logistics

C- Financial Services D- All of the above

46. What is meant by the principle of ease of navigation in user experience design?

a. That the colors are bright and cheerful on all pages .

b. That the user can easily and quickly access what they are looking for

c. That the website contains the largest possible number of pages .

d. That the menus are placed differently on each page for a fresh experience.

47. ……is an example of an AI tool that helps in building websites.

a. Jimdo Dolphin b. Wegic

c. Both a and b d. None of them

48. What is meant by the principle of consistency in interface design ?

a. That the shapes and colors of the buttons change on each page .

b. That the elements are displayed randomly to attract attention .

c. That there is variation in page design to avoid monotony .

d. That the interface maintains the same style and shape for the buttons and elements on all pages.

49. Which of the following examples illustrates the use of inconsistent colors in UI design?

A. Using simple color gradients .

B. Using complementary colors from the color wheel.

C. Using many bright, different colors randomly.

D. Using white as the primary color with a calm secondary color .

50. Which of the following is a fundamental principle in user interface (UI) design?

A. Making all buttons the same size and shape .

B. Choosing harmonious colors that are easy on the eyes.

C. Providing multiple ways to accomplish the same task.

D. Ensuring that text is unreadable.

Put (✓) or (x):

1. User Interface (UI) design is concerned with making the product easy to use and effective. ( )
2. The CSS language was created to facilitate the formatting of web pages and to separate the formatting from the content. ( )
3. The <body> section contains content visible to the user. ( )
4. User Interface (UI) design is concerned with making the product easy to use and effective. ( )
5. A website's main menu with clear buttons is an example of good navigation design ( )
6. One of the principles of UX design is to provide clear and easy navigation for the user. ( )
7. Big data can be stored in large databases which can be located on servers or cloud systems ( )
8. Using decorative fonts extensively improves the legibility of text in UI design. ( )
9. To design a new educational website or game, you must consider every step the player will take and how they will feel while playing( )
10. Consistency in design means using the same style for elements throughout the product. ( )
11. Ease of use does not affect user satisfaction with the digital product. ( )
12. The visual appeal of the UI can affect the user's first impression. ( )
13. A main menu with clear buttons is an example of a good navigation design. ( )
14. Using many different colors improves the aesthetics of the design( )
15. The HTML is used only to describe the appearance of web pages. ( )
16. One of the benefits of CSS is that it is used to design the structure and content of a page. ( )
17. An external CSS file can be used to format a large number of HTML pages at once. ( )
18. The <font> tag is still the preferred method for formatting text in modern HTML pages. ( )

19. When you change the formatting in an external CSS file, the appearance of the linked pages is not affected. ( )
20. User Experience (UX) design focuses primarily on the appearance of the product, not how it is used. ( )
21. Inline CSS is used to apply styles to all pages on a website. ( )
22. CSS makes it easy to modify the appearance of all linked pages at once. ( )
23. Formatting HTML elements with CSS makes a page more organized and attractive. ( )
24. In a CSS code, the Selector defines properties such as color and size. ( )
25. Writing formatting codes within each HTML page is more efficient than using an external CSS. ( )
26. Separating formatting from content helps speed up the editing and updating processes. ( )
27. Using decorative fonts frequently improves the clarity of text in UI design . ( )
28. Big data is defined as a large and complex data set that cannot be processed efficiently using traditional technology such as Excel ( )
29. The <title> tag's content appears in the browser's body. ( )
30. Internal CSS is best used on large websites to standardize the formatting. ( )
31. Padding adds space outside an element's border. ( )
32. Creating a website using artificial intelligence requires you to write complex codes. ( )
33. The importance of websites is limited to large companies only. ( )
34. You can use wegic.ai to create a simple website using text commands. ( )
35. The "About Us" page is used to display images of your activities. ( )
36. The prompt is the text command you give to the artificial intelligence tool to understand your request. ( )
37. After the website is created by artificial intelligence, you cannot make any modifications to it. ( )
38. The <header> element is located at the bottom of a page or container. ( )

39. Choosing colors and design at the beginning of work is not very important. ( )
40. A mobile-friendly design makes websites easy to view on phones. ( )
41. The <h1> tag provides a main title for the page. ( )
42. An external CSS file can contain HTML tags. ( )
43. Financial data generated from electronic payments and banking transactions is considered unreliable data. ( )
44. The "About Us" page is used to display images of your activities. ( )
45. A main menu with clear buttons is an example of good navigation design. ( )
46. AI can now create full websites without coding. ( )
47. Semi-structured data is a combination of structured and unstructured data, such as emails. ( )
48. CSS can be used to change the font size and color. ( )
49. Digital content (videos, images, audio content) that is downloaded or viewed does not generate big data . ( )
50. Devices connected to the Internet are considered a source of big data. ( )
51. When you enter a restaurant to eat, the restaurant's decor, colors, and interface are (UX), while the quality of the food is (UI). ( )
52. Variety refers to the vast amount of data collected and stored . ( )
53. Artificial intelligence technologies help humans process and analyze massive amounts of big data and extract value from it ( )
54. The stages of processing and storing big data begin with cleaning the data first to ensure it is error-free before collection ( )
55. Big data is used to monitor network traffic and analyze patterns to detect security threats and protect systems ( )
56. After analyzing big data, information is extracted that can be used to make strategic decisions. ( )
57. The lower the quality, volume, and variety of the available data, the greater the ability of machine learning and deep learning models to learn and make accurate predictions and decisions ( )
58. Big data increases the accuracy and effectiveness of artificial intelligence models by training them on a wide range of scenarios and reducing the problem of overfitting ( )

59. Natural Language Processing (NLP) models such as GPT do not need huge text datasets to learn, understand, and generate human language ( )
60. Computer vision applications, such as facial recognition, rely on huge datasets of images and videos to train their models ( )
61. Real-time big data streams allow artificial intelligence models to continuously learn and adapt to new data ( )
62. Big data helps enable artificial intelligence (AI) to analyze historical data to identify patterns and trends, enabling it to make accurate predictions about future events (predictive analytics). ( )
63. Artificial intelligence is just a set of theoretical algorithms incapable of learning or providing real value, even with the availability of big data. ( )
64. User Experience (UX) design is considering how people use an application or website and whether they can easily find what they need. ( )
65. The principle of easy navigation means that the user can reach what they are looking for slowly and carefully to ensure that no mistakes are made ( )
66. Consistency in interface design means keeping the same style and appearance for buttons and elements throughout the application or website ( )
67. User Experience (UX) only refers to the quality of services provided by websites and does not include applications ( )
68. The principle of clarity in the interface requires presenting information in an easily understandable way . ( )
69. The Layout of design a website or application interface means organizing the interface elements in a way that makes it easier to use. ( )
70. Ease of use does not affect user satisfaction with the digital product. ( )
71. The principle of ease of navigation is one of the principles of UX design, which indicates the importance of helping the user easily find what they are looking for within the product . ( )

مراجعات النخبة

بنك الأسئلة ICT

November Review 2025-2026

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Answer From

Prepared by:
Mrs. Aml Fouad

2
Prep

Trust Academy Online

Choose :

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a. The increase in the number of programmers

b. The use of artificial intelligence technologies

c. The decrease in the price of computers

d. The disappearance of programming languages

24. An example of an AI tool that helps in building website is ……

a. Paint b. Word c. Wegic.ai d. Calculator

25. When using AI tools to build a website, do you need to be a programming expert?

a. Yes, you must be a professional.

b. Yes, you need some experience.

c. No, you don't need advanced programming experience.

d. Only if you want a complex website.

26. The <title> tag defines the title that appears in the…… bar.

a. address b. report c. browser d. navigation

27. What are the scripts we write to an AI tool to create a website called?

a. Code b. Descriptive Images

c. Prompt d. URL

28. If you want to make your website about a sports club, which prompt is the most appropriate for the first step?

a. Choose a blue design b. Add a contact page

c. Create a website for a sports club d. Add pictures of books

29. What does an "Image Page" add to your website?

a. Introductory text b. Contact information

c. Attractive visual elements d. Audio clips

30. The <header> tag defines the…… of the page or container.

a. bottom b. top c. middle d. side

31. To add information about yourself or the topic of your website, which page do you most often create?

a. Contact Page
b. Photo Page
c. "About Us" page
d. Home Page

32. Why is it important to determine the colors and overall design of the website at the beginning of work?

a. So that the icons appear better
b. To customize the basic appearance of the website
c. To increase the website speed
d. To attract more programmers

33. Which of the following is NOT considered contact information that might be added to a website?

a. Email
b. Social media link
c. Phone number
d. Designer's name

34. After AI creates the basic structure of the website, what can you do?

a. Nothing, it can't be modified.
b. I can make minor changes to the design and text.
c. I can recreate the website from scratch.
d. I can delete the entire website.

35. The design that makes an application beautiful and attractive is…….

a. UX b. UI c. AI d. none of them

36. Why is it important for prompts to be simple and clear?

a. To reduce the size of the website
b. To help AI better understand your request
c. To increase the number of visitors
d. To save time when publishing

37. .....is an example of Types of Big Data

A - Geometric Data
B - Formal Data
C - Structural Data
D - Pivotal Data

38. The main goal of using AI in website building in our lesson is to .....

a. transform you into a professional web developer

b. introduce you to the capabilities of AI in website building

c. save money on programmers

d. create gaming websites only

39. A successful website should have a ……design.

a. complex b. cluttered c. simple d. random

40. In the CSS code h1 { color: brown; }, the part hl represents the……

a. selector b. property c. value d. none of them

41. Which of the 5 Vs of Big Data indicate the reliability and quality of the data, as it may contain errors or inaccurate information? Data sometimes contains errors.

A – Volume B- Velocity C – Value D- Veracity

42. What is the first stage of big data processing ?

A- Data storage. B- Data cleaning .

C- Big data collection . D- Data analysis .

43. Which of the following uses of big data relies on understanding customer behavior and improving recommendations using advanced analytics ?

A- Artificial intelligence. B- Machine and deep learning .

C- Network monitoring and cybersecurity. D- E-commerce.

44. Which of the following is an example of an advanced artificial intelligence application that relies on huge collections of images and videos to train its models ?

A- Natural Language Processing (NLP) B- Computer Vision

C- Big Data Collection D- Task Automation

45. Big data helps machine learning algorithms automate tasks in areas such as:

A- Customer Service B- Logistics

C- Financial Services D- All of the above

46. What is meant by the principle of ease of navigation in user experience design?

a. That the colors are bright and cheerful on all pages .

b. That the user can easily and quickly access what they are looking for

c. That the website contains the largest possible number of pages .

d. That the menus are placed differently on each page for a fresh experience.

47. ……is an example of an AI tool that helps in building websites.

a. Jimdo Dolphin b. Wegic

c. Both a and b d. None of them

48. What is meant by the principle of consistency in interface design ?

a. That the shapes and colors of the buttons change on each page .

b. That the elements are displayed randomly to attract attention .

c. That there is variation in page design to avoid monotony .

d. That the interface maintains the same style and shape for the buttons and elements on all pages.

49. Which of the following examples illustrates the use of inconsistent colors in UI design?

A. Using simple color gradients .

B. Using complementary colors from the color wheel.

C. Using many bright, different colors randomly.

D. Using white as the primary color with a calm secondary color .

50. Which of the following is a fundamental principle in user interface (UI) design?

A. Making all buttons the same size and shape .

B. Choosing harmonious colors that are easy on the eyes.

C. Providing multiple ways to accomplish the same task.

D. Ensuring that text is unreadable.

Put (✓) or (x):

1. User Interface (UI) design is concerned with making the product easy to use and effective. (x)
2. The CSS language was created to facilitate the formatting of web pages and to separate the formatting from the content. (✓)
3. The <body> section contains content visible to the user. (✓)
4. User Interface (UI) design is concerned with making the product easy to use and effective. (x)
5. A website's main menu with clear buttons is an example of good navigation design (✓)
6. One of the principles of UX design is to provide clear and easy navigation for the user. (✓)
7. Big data can be stored in large databases which can be located on servers or cloud systems (✓)
8. Using decorative fonts extensively improves the legibility of text in UI design. (x)
9. To design a new educational website or game, you must consider every step the player will take and how they will feel while playing (✓)
10. Consistency in design means using the same style for elements throughout the product. (✓)
11. Ease of use does not affect user satisfaction with the digital product. (x)
12. The visual appeal of the UI can affect the user's first impression. (✓)
13. A main menu with clear buttons is an example of a good navigation design. (✓)
14. Using many different colors improves the aesthetics of the design (x)
15. The HTML is used only to describe the appearance of web pages. (x)
16. One of the benefits of CSS is that it is used to design the structure and content of a page. (x)
17. An external CSS file can be used to format a large number of HTML pages at once. (✓)
18. The <font> tag is still the preferred method for formatting text in modern HTML pages. (x)

19. When you change the formatting in an external CSS file, the appearance of the linked pages is not affected. (x)
20. User Experience (UX) design focuses primarily on the appearance of the product, not how it is used. (x)
21. Inline CSS is used to apply styles to all pages on a website. (x)
22. CSS makes it easy to modify the appearance of all linked pages at once. (✓)
23. Formatting HTML elements with CSS makes a page more organized and attractive. (✓)
24. In a CSS code, the Selector defines properties such as color and size. (x)
25. Writing formatting codes within each HTML page is more efficient than using an external CSS. (x)
26. Separating formatting from content helps speed up the editing and updating processes. (✓)
27. Using decorative fonts frequently improves the clarity of text in UI design . (x)
28. Big data is defined as a large and complex data set that cannot be processed efficiently using traditional technology such as Excel (✓)
29. The <title> tag's content appears in the browser's body. (x)
30. Internal CSS is best used on large websites to standardize the formatting. (x)
31. Padding adds space outside an element's border. (x)
32. Creating a website using artificial intelligence requires you to write complex codes. (x)
33. The importance of websites is limited to large companies only. (x)
34. You can use wegic.ai to create a simple website using text commands. (✓)
35. The "About Us" page is used to display images of your activities. (x)
36. The prompt is the text command you give to the artificial intelligence tool to understand your request. (✓)
37. After the website is created by artificial intelligence, you cannot make any modifications to it. (x)
38. The <header> element is located at the bottom of a page or container. (x)

39. Choosing colors and design at the beginning of work is not very important. (x)
40. A mobile-friendly design makes websites easy to view on phones. (✓)
41. The <h1> tag provides a main title for the page. (✓)
42. An external CSS file can contain HTML tags. (x)
43. Financial data generated from electronic payments and banking transactions is considered unreliable data. (x)
44. The "About Us" page is used to display images of your activities. (x)
45. A main menu with clear buttons is an example of good navigation design. (✓)
46. AI can now create full websites without coding. (✓)
47. Semi-structured data is a combination of structured and unstructured data, such as emails. (✓)
48. CSS can be used to change the font size and color. (✓)
49. Digital content (videos, images, audio content) that is downloaded or viewed does not generate big data . (x)
50. Devices connected to the Internet are considered a source of big data. (✓)
51. When you enter a restaurant to eat, the restaurant's decor, colors, and interface are (UX), while the quality of the food is (UI). (x)
52. Variety refers to the vast amount of data collected and stored . (x)
53. Artificial intelligence technologies help humans process and analyze massive amounts of big data and extract value from it (✓)
54. The stages of processing and storing big data begin with cleaning the data first to ensure it is error-free before collection (x)
55. Big data is used to monitor network traffic and analyze patterns to detect security threats and protect systems (✓)
56. After analyzing big data, information is extracted that can be used to make strategic decisions. (✓)
57. The lower the quality, volume, and variety of the available data, the greater the ability of machine learning and deep learning models to learn and make accurate predictions and decisions (x)
58. Big data increases the accuracy and effectiveness of artificial intelligence models by training them on a wide range of scenarios and reducing the problem of overfitting (✓)

59. Natural Language Processing (NLP) models such as GPT do not need huge text datasets to learn, understand, and generate human language (x)
60. Computer vision applications, such as facial recognition, rely on huge datasets of images and videos to train their models (✓)
61. Real-time big data streams allow artificial intelligence models to continuously learn and adapt to new data (✓)
62. Big data helps enable artificial intelligence (AI) to analyze historical data to identify patterns and trends, enabling it to make accurate predictions about future events (predictive analytics). (✓)
63. Artificial intelligence is just a set of theoretical algorithms incapable of learning or providing real value, even with the availability of big data. (x)
64. User Experience (UX) design is considering how people use an application or website and whether they can easily find what they need. (✓)
65. The principle of easy navigation means that the user can reach what they are looking for slowly and carefully to ensure that no mistakes are made (x)
66. Consistency in interface design means keeping the same style and appearance for buttons and elements throughout the application or website (✓)
67. User Experience (UX) only refers to the quality of services provided by websites and does not include applications (x)
68. The principle of clarity in the interface requires presenting information in an easily understandable way . (✓)
69. The Layout of design a website or application interface means organizing the interface elements in a way that makes it easier to use. (✓)
70. Ease of use does not affect user satisfaction with the digital product. (x)
71. The principle of ease of navigation is one of the principles of UX design, which indicates the importance of helping the user easily find what they are looking for within the product . (✓)